

### Schedule of Installation and Removal Dates for South Delta Temporary Barriers from 1987 through 2003

Year	Middle River						Old River near Tracy (DMC)						Grant Line Canal										
	Installation			Notched	Removal			Installation			Notched	Removal			Installation			Flashboards	Removal				
	Started	Closed	Completed		Started	Breached	Completed	Started	Closed	Completed		Started	Breached	Completed	Started	Closed	Completed	Adjusted	Started	Breached	Completed		
1987		15-May		End of Sep		End of Sep																	
1988	26-May	28-May		23-Sep		23-Sep																	
1989		12-Apr		26-Sep		26-Sep																	
1990		16-Apr		29-Sep		29-Sep																	
1991	4-Apr	5-Apr		27-Sep		27-Sep		14-Aug		30-Aug		28-Sep		13-Oct. (i)									
1992	8-Apr	10-Apr		28-Sep		29-Sep			30-Sep			30-Sep		Oct-09(ii)									
1993	14-Jun	17-Jun		23-Sep		24-Sep		12-May		1-Jun		27-Sep		6-Oct									
1994	23-Apr	25-Apr		29-Sep		5-Oct			26-Sep			26-Sep		10-Oct									
1995	8-Aug	11-Aug		10-Oct		10-Oct		3-Aug		8-Aug		27-Sep		6-Oct									
1996	18-May	20-May		29-Sep		29-Sep		12-May		10-Jun (iii)		29-Sep		16-Oct		17-Jun		10-Jul		2-Oct		15-Oct	
1997	3-Apr	7-Apr		27-Sep		28-Sep		8-Apr		17-Apr		30-Sep		7-Oct		21-May		4-Jun		26-Sep		15-Oct	
1998	(vii)																						
1999	15-May	18-May		29-Sep		2-Oct		15-May		28-May		28-Sep		8-Oct		15-May		3-Jun		23-Sep		5-Oct	
2000	4-Apr	6-Apr		1-Oct		7-Oct		4-Apr		16-Apr		1-Oct		7-Oct		19-May		1-Jun		1-Oct		7-Oct	
2001	20-Apr	23-Apr		12-Nov	13-Nov	17-Nov		23-Apr		26-Apr		13-Nov	14-Nov	26-Nov		2-May		9-May		11-Nov	12-Nov	18-Nov	
2002	10-Apr	15-Apr		20-Nov	20-Nov	23-Nov		1-Apr		18-Apr		16-Nov	16-Nov	29-Nov		1-Apr		12-Jun		14-Nov	16-Nov	25-Nov	
2003	12-Apr	15-Apr	23-Apr	17-Sept.	7-Nov	8-Nov	10-Nov	1-Apr	14-Apr	22-Apr	17-Sept.	13-Nov	15-Nov	25-Nov	1-Apr. (Partial) 9-June (Full)	11-Jun	23-Apr. (Partial) 17-June (Full)	16-Sept.	10-Nov	12-Nov	25-Nov		

Year	Spring Head of Old River						Fall Head of Old River (v)						
	Installation			Removal			Installation			Notched	Removal		
	Started	Closed	Completed	Started	Breached	Completed	Started	Closed	Completed		Started	Breached	Completed
1987							9-Sep		11-Sep				28-Nov
1988							22-Sep		28-Sep				2-Dec
1989							27-Sep		28-Sep				30-Nov
1990							10-Sep		11-Sep				27-Nov
1991							9-Sep		13-Sep				27-Nov
1992				2-Jun		8-Jun	8-Sep		11-Sep				4-Dec
1993							8-Nov (vii)		11-Nov				7-Dec
1994				18-May		20-May	6-Sep		8-Sep				30-Nov
1995	(vii)												
1996	6-May	11-May	16-May		3-Sept (iv)		30-Sep		3-Oct		18-Nov		22-Nov
1997	9-Apr	16-Apr	15-May		19-May (viii)								
1998	(vii)												
1999	(vii)												
2000	5-Apr	16-Apr	19-May		2-Jun		27-Sep		7-Oct		27-Nov		8-Dec
2001	17-Apr	26-Apr	23-May		30-May		24-Sep		6-Oct		22-Nov	22-Nov	2-Dec
2002	2-Apr	18-Apr	22-May	24-May	7-Jun		24-Sep		4-Oct		11-Nov	12-Nov	21-Nov
2003	1-Apr	15-Apr	21-Apr	16-May	18-May		2-Sept.	15-Sept.	18-Sep	16-Sept.	3-Nov	4-Nov	13-Nov

(i) Barrier notched on Sept. 28, 1991. Construction resumed on Oct. 10 and finished on Oct. 13.

(ii) Barrier notched on Sept. 30, 1992. Construction resumed on Oct. 2 and finished on Oct. 9.

(iii) Construction was delayed on 5/17 and resumed on 6/5 due to high flows.

(iv) Barrier was breached on 5/16 on an emergency basis, but complete removal wasn't done until 9/3, after Corps demanded permit compliance of complete removal.

(v) Barrier was installed in previous years.

(vi) Installation delayed due to high flows.

(vii) Not installed due to high San Joaquin River flows.

(viii) Not installed upon DFG's request.